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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen PALM

Appl. No. : 10/621,351

Filed : July 18, 2003



Group Art Unit : 2631

Examiner : Not Yet Assigned

Confirmation No. : 2553

For : ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF  
DUPLEX AND FULL DUPLEX PROCEDURES

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop \_\_\_\_\_  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,

Applicant hereby calls to the Examiner's attention the following documents:

A copy of a European Office Action mailed in related European Patent

Application No. EP 03 028 105.9 on September 14, 2004 is enclosed, in which the  
following documents were cited:

- (1) "ITU-T Recommendation V.8 bis ("Procedures for the Identification and  
Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment  
(DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched  
Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was  
published by the International Telecommunication Union in August, 1996;

(2) U.S. Patent No. 5,493,609 to DAVIS et al., which issued on February 20, 1996;  
and

(3) An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."

The relevancy of these documents are described in the European Office Action. Applicant notes that copies of these documents were previously submitted with respect to an Information Disclosure Statement filed on March 31, 2004. Thus, copies of these documents are not enclosed herewith.

A copy of a Malaysian Office Action mailed in related Malaysian Patent Application No. PI 99000053 on August 23, 2004 is enclosed, in which the following document was cited:

(4) U.S. Patent No. 6,735,245 to PALM, which issued on May 11, 2004. The relevancy of this document is described in the Malaysian Office Action.

The relevancy of this document is described in the Malaysian Office Action.

Applicant brings the following commonly assigned related co-pending published applications and issued patents by the inventor to the Examiner's attention:

(5) U.S. Patent Application No. 09/572,968 to PALM, entitled "Retransmission Procedure and Apparatus for Handshaking Protocol", filed on May 18, 2000, which issued as U.S. Patent 6,694,470 on February 17, 2004;

(6) U.S. Patent Application No. 10/175,961 to PALM, entitled "Activation of Multiple xDSL Modems with Implicit Channel Probe", filed on June 21, 2002, which issued as U.S. Patent No. 6,768,772 on July 27, 2004;

- (7) U.S. Patent Application No. 10/176,338 to PALM, entitled "Activation of Multiple xDSL Modems with Implicit Channel Probe", filed on June 21, 2002, which was published as U.S. Published Application No. 2003/0103559 on June 5, 2003;
- (8) U.S. Patent Application No. 10/287,005 to PALM, entitled "Activation of Multiple xDSL Modems with Implicit Channel Probe", filed on November 4, 2002, which was published as U.S. Published Application No. 2003/0165188 on September 4, 2003;
- (9) U.S. Patent Application No. 10/331,665 to PALM, entitled "Activation of Multiple xDSL Modems with Implicit Channel Probe", filed on December 31, 2002, which issued as U.S. Patent No. 6,765,957 on July 20, 2004;
- (10) U.S. Patent Application No. 10/657,272 to PALM, filed on September 9, 2003, which was published as U.S. Patent Application Publication No. 2004/0052308 on March 18, 2004;
- (11) U.S. Patent Application No. 10/813,051 to PALM, which was filed on March 31, 2004, which was published as U.S. Patent Application Publication No. 2004/0179552 on September 16, 2004;
- (12) U.S. Patent Application No. 09/564,704 to PALM, entitled "Activation of Multiple xDSL Modems with Power Control Measurement", filed on May 4, 2000, which issued as U.S. Patent 6,751,254 on June 15, 2004;
- (13) U.S. Patent Application No. 10/740,767 to PALM, which was filed on December 22, 2003, which was published as U.S. Patent Application Publication No. 2004/0131111 on July 8, 2004;

(14) U.S. Patent Application No. 10/657,271 to PALM, entitled "Activation of Multiple xDSL Modems With Implicit Channel Probe" filed on September 9, 2003, which was published as U.S. Patent Application Publication No. 2004/0057510 on March 25, 2004;

(15) U.S. Patent Application No. 10/671,536 to PALM, entitled "Retransmission Procedure and Apparatus for Handshaking Protocol", filed on September 29, 2003, which published as U.S. Patent Application Publication No. 2004/0059979 on March 25, 2004; and

(16) U.S. Patent Application No. 10/663,712 to PALM, entitled "Retransmission Procedure And Apparatus For Handshaking Protocol", filed on September 17, 2003, which was published U.S. Patent Application Publication No. 2004/0068686 on April 8, 2004.

Applicant brings to the Examiner's attention the following commonly assigned co-pending applications that have not been published:

(17) U.S. Patent Application No. 09/281,813 to PALM, entitled "Activation of Multiple xDSL Modems with Implicit Channel Probe", which was filed on March 31, 1999; and

(18) U.S. Patent Application No. 09/473,683 to PALM, entitled "Activation of Multiple xDSL Modems with Half and a Full Duplex Procedures," which was filed on December 29, 1999.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(iii) if the co-pending patent application is a part of the image file wrapper system, copies of documents (17) and (18) are not enclosed

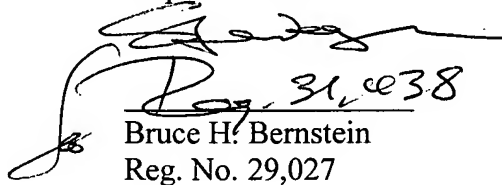
herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicant respectfully requests that the Examiner consider the above material and cite the documents. Copies of documents (4)-(16) also are not attached hereto, but are listed on a PTO-1449 Form, attached hereto, pursuant to the Patent Office's decision to waive the requirement for such submission. The Examiner is respectfully requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the completed Form to Applicant with the next official communication in the present application to confirm consideration of this document.

Applicant notes that an action on the merits has not been mailed. However, if an Office Action on the merits has issued and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary to ensure consideration of the submitter material, including any payment under 37 C.F.R. §1.17 (p) to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Stephen PALM



31,038  
Bruce H. Bernstein  
Reg. No. 29,027

October 14, 2004  
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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23853Application No.  
10/621,351INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Stephen PALMFiling Date  
July 18, 2003Group  
2631

## U.S. PATENT DOCUMENTS

EXAMINER R INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	4	9	3	6	0	9	02/20/96	DAVIS et al.			
		6	7	3	5	2	4	5	05/11/04	PALM			
		6	6	9	4	4	7	0	02/17/04	PALM			
		6	7	6	8	7	7	2	07/27/04	PALM			
	2003/	0	1	0	3	5	5	9	06/05/03	PALM			
	2003/	0	1	6	5	1	8	8	09/04/03	PALM			
		6	7	6	5	9	5	7	07/20/04	PALM			
	2004/	0	0	5	2	3	0	8	03/18/04	PALM			
	2004/	0	1	7	9	5	5	2	09/16/04	PALM			
		6	7	5	1	2	5	4	06/15/04	PALM			
	2004/	0	1	3	1	1	1	1	07/08/04	PALM			
	2004/	0	0	5	7	5	1	0	03/25/04	PALM			
	2004/	0	0	5	9	9	7	9	03/25/04	PALM			
	2004/	0	0	6	8	6	8	6	04/08/04	PALM			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1	"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996;										
		2	An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."										

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.